

**From:** [Jeff Frithsen](#)  
**To:** [Linda Phillips](#)  
**Subject:** Fw: Review of PCB Exposure Estimation Tool  
**Date:** 09/18/2009 11:52 AM

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Linda:

Lester and I looked at the tool in open office. complete success!!!!

Jeffrey B. Frithsen, Ph.D.  
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----- Forwarded by Jeff Frithsen/DC/USEPA/US on 09/18/2009 11:52 AM -----

**From:** Lester Yuan/DC/USEPA/US  
**To:** Jeff Frithsen/DC/USEPA/US@EPA  
**Date:** 09/18/2009 11:47 AM  
**Subject:** Re: Fw: Review of PCB Exposure Estimation Tool

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Seems to work ok in OpenOffice. How in-depth do you want me to check?  
Lester

Lester Yuan, Ph.D.  
National Center for Environmental Assessment, U.S.EPA  
Washington, DC 20460 (MC 8623P)  
Phone: 703-347-8534  
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▼ Jeff Frithsen---09/18/2009 10:47:57 AM---Lester: I recall hearing that you have Open Office installed on one of your computers. Could you do

**From:** Jeff Frithsen/DC/USEPA/US  
**To:** Lester Yuan/DC/USEPA/US@EPA  
**Date:** 09/18/2009 10:47 AM  
**Subject:** Fw: Review of PCB Exposure Estimation Tool

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Lester:

I recall hearing that you have Open Office installed on one of your computers. Could you do me a favor and check out the attached using Open Office? Would need your input by Monday morning. Thanks.

Jeff

----- Forwarded by Jeff Frithsen/DC/USEPA/US on 09/18/2009 10:46 AM -----

From: Jeff Frithsen/DC/USEPA/US

To: Tom Simons/DC/USEPA/US@EPA, Maria Doa/DC/USEPA/US@EPA, Jacqueline McQueen/DC/USEPA/US@EPA, Kimberly Tisa/R1/USEPA/US@EPA, James Haklar/R2/USEPA/US@EPA, Alizabeth Olhasso/R3/USEPA/US@EPA, Anton Martig/R5/USEPA/US@EPA, Lou Roberts/R6/USEPA/US@EPA, Mazzie Talley/R7/USEPA/US@EPA, Dan Bench/R8/USEPA/US@EPA, Annastacia Braye/R9/USEPA/US@EPA, Daniel Duncan/R10/USEPA/US@EPA, Patricia Anderson/R4/USEPA/US@EPA, Raj Aiyar/R4/USEPA/US@EPA, Mary Ballew/R1/USEPA/US@EPA, Mark Maddaloni/R2/USEPA/US@EPA, Marian Olsen/R2/USEPA/US@EPA, Ruth Prince/R3/USEPA/US@EPA, Elizabeth Quinn/R3/USEPA/US@EPA, Kenneth Shewmake/R6/USEPA/US@EPA, Roy Fortmann/RTP/USEPA/US@EPA, CatherineM Davis/DC/USEPA/US@EPA, Iris Camacho/DC/USEPA/US@EPA, Cathy Fehrenbacher/DC/USEPA/US@EPA, Deborah Sherer/DC/USEPA/US@EPA, Bruce Rodan/DC/USEPA/US@EPA, Lynn Vendinello/DC/USEPA/US@EPA, Deborah Smegal/DC/USEPA/US@EPA, Patti Tyler/RA/R8/USEPA/US@EPA, Bob Benson/R8/USEPA/US@EPA, Wendy OBrien/R8/USEPA/US@EPA, Charles Partridge/R8/USEPA/US@EPA, Ross Highsmith/RTP/USEPA/US@EPA, David Cozad/R7/USEPA/US@EPA, Rebecca Weber/R7/USEPA/US@EPA, Walter Cybulski/DC/USEPA/US@EPA, Maryann Suero/R5/USEPA/US@EPA, Tala Henry/DC/USEPA/US@EPA

Cc: Fred Hauchman/DC/USEPA/US@EPA, Peter Grevatt/DC/USEPA/US@EPA, Kathleen Deener/DC/USEPA/US@EPA, Peter Preuss/DC/USEPA/US@EPA, Becki Clark/DC/USEPA/US@EPA, Lynn Flowers/DC/USEPA/US@EPA, David Bussard/DC/USEPA/US@EPA, Gina Perovich/DC/USEPA/US@EPA, Stephen Perkins/R1/USEPA/US@EPA, Barbara Finazzo/R2/USEPA/US@EPA, Jim Newsom/R3/USEPA/US, Beverly Banister/R4/USEPA/US@EPA, Walter Kovalick/R5/USEPA/US@EPA, Lynda Carroll/R6/USEPA/US@EPA, Martha Cuppy/R7/USEPA/US@EPA, Mike Gaydosh/R8/USEPA/US@EPA, Jane Diamond/R9/USEPA/US@EPA, Mike Gearheard/R10/USEPA/US@EPA, Wendy Cleland-Hamnett/DC/USEPA/US@EPA, Linda Phillips/DC/USEPA/US@EPA, Linda Sheldon/RTP/USEPA/US@EPA

Date: 09/18/2009 08:17 AM

Subject: Fw: Review of PCB Exposure Estimation Tool

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The purpose of this email is to ask your assistance with the review of the attached PCB Exposure Estimation Tool. This tool is being developed to help regional, state, and local health officials and exposure assessors estimate total PCB exposures from background (non-school, primarily residential) buildings and from potentially contaminated schools or buildings.

Following our productive workshop August 27, 2009, we have made several revisions to the tool. If you reviewed earlier versions, you will notice that we have reorganized the worksheets in the tool, moving the summary of total exposures forward and adding a "How-To" tab. We have also moved to the "Inputs & Assumptions" worksheet, all parameters for which users can provide their own values to represent specific exposure scenarios and site-specific exposure assessments. We have also set the starting or default values for the tool to reflect background values for an uncontaminated school, and added exposure

estimates for younger children (ages 1 - <2, 2 - <3, 3 - <6).

We have been asked to finalize the development of this tool by Monday, September 21. Unfortunately, this means we need your comments preferably by COB today (Friday, September 18), but certainly no later than early Monday morning. Please send your comments to me and to Linda Phillips (phillips.linda@epa.gov).

My apologies for the Friday morning request and the short review cycle, and my big thanks for helping us with the development of this tool.

Jeff

[attachment "PCBs-SchoolsDose.xls" deleted by Lester Yuan/DC/USEPA/US]

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